

Top 20 Chemicals with Largest TRI On-site and Off-site Releases, Primary Metals (SIC code 33), 2001

CAS Number Chemical		On-site Releases							Off-site Releases Transfers Off-site to Disposal Pounds	Total On- and Off-site Releases Pounds
		Total Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection		On-site Land Releases		Total On-site Releases Pounds		
				Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
-- Zinc compounds	2,522,122	1,206,607	1,087	0	2,149,790	63,534,637	69,414,243	148,071,825	217,486,068	
-- Copper compounds	351,338	14,772	111,088	0	0	52,515,895	52,993,093	4,830,748	57,823,841	
-- Manganese compounds	798,371	266,405	5,200	0	450,000	19,325,715	20,845,691	23,985,551	44,831,241	
-- Nitrate compounds	1,785	40,710,124	0	0	0	1,149,604	41,861,513	148,988	42,010,501	
-- Lead compounds	548,861	263,892	2,626	0	185,017	17,034,220	18,034,616	23,196,102	41,230,718	
7439-96-5 Manganese	264,951	71,769	0	0	911	2,416,471	2,754,102	28,355,032	31,109,134	
7782-50-5 Chlorine	13,359,638	4,277	0	0	0	0	13,363,915	0	13,363,915	
7429-90-5 Aluminum (fume or dust)	902,235	7,317	0	0	0	5,602,599	6,512,151	6,076,527	12,588,678	
7440-66-6 Zinc (fume or dust)	505,345	7,537	0	0	0	2,679	515,561	10,556,821	11,072,382	
7664-41-7 Ammonia	6,546,954	254,199	360,000	0	0	411,364	7,572,517	1,113,673	8,686,190	
-- Chromium compounds	121,444	46,470	5,200	0	173,900	3,858,815	4,205,829	4,307,261	8,513,090	
7647-01-0 Hydrochloric acid	6,200,071	5	0	0	0	0	6,200,076	250	6,200,326	
463-58-1 Carbonyl sulfide	5,030,380	0	0	0	0	0	5,030,380	0	5,030,380	
-- Nickel compounds	78,420	19,697	8,962	0	0	2,929,402	3,036,481	1,694,531	4,731,012	
-- Cadmium compounds	10,748	1,319	42	0	2,258,517	304,728	2,575,354	1,872,971	4,448,325	
-- Arsenic compounds	27,251	1,481	64,793	0	4,308	3,918,285	4,016,118	229,576	4,245,694	
1344-28-1 Aluminum oxide (fibrous forms)	1,206	5	0	0	0	32,068	33,279	4,155,076	4,188,355	
7440-50-8 Copper	432,743	15,225	5	5	146,086	326,599	920,664	2,321,940	3,242,604	
7439-92-1 Lead	134,981	7,198	0	0	322,863	391,494	856,535	2,261,048	3,117,583	
7664-39-3 Hydrogen fluoride	2,916,736	275	0	0	0	0	2,917,011	23,048	2,940,059	
Subtotal	40,755,580	42,898,574	559,003	5	5,691,392	173,754,574	263,659,128	263,200,968	526,860,096	
Total*	57,612,307	44,670,397	842,853	5	5,736,662	177,961,804	286,824,028	271,764,651	558,588,679	

Note: On-site Releases are from Section 5 of Form R. **Off-site Releases** are from Section 6 (transfers off-site to disposal) of Form R. **Off-site Releases** include metals and metal compounds transferred off-site for solidification/stabilization and for wastewater treatment, including to POTWs. **Off-site Releases** do not include transfers to disposal sent to other TRI Facilities that reported the amount as an on-site release.

One facility, Phelps Dodge Miami of Claypool, AZ, that reported under SIC code 33 and SIC code 10 in 2001 and previous years has been included in SIC code 10 for the purpose of this analysis.

* Total for Primary Metals (SIC code 33).